

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10/553616"	US- PGPUB; USPAT	OR	ON	2008/03/14 18:07
S2	35	"369".clas. and (((focus \$4 focal) near3 (search \$3 pull\$1in (pull\$3 adj1 in))) same (revers \$3))	US- PGPUB; USPAT	OR	ON	2008/03/14 18:17
S3	54	"369".clas. and (((focus \$4 focal) near3 (search \$3 pull\$1in (pull\$3 adj1 in))) same (revers \$3 ((switch\$3 chang\$3 opposite) near3 direction)))	US- PGPUB; USPAT	OR	ON	2008/03/17 11:22
S4	0	"369".clas. and (((focus \$4 focal) near3 (search \$3 pull\$1in (pull\$3 adj1 in))) same ((pass \$3 near3 (target\$3 near3 (layer surface))) with (revers\$3 ((switch \$3 chang\$3 opposite) near3 direction))))	US- PGPUB; USPAT	OR	ON	2008/03/17 11:44
S6	0	"369".clas. and (((focus \$4 focal) near3 (search \$3 pull\$1in (pull\$3 adj1 in))) same ((pass \$3 near3 (layer surface)) same (revers \$3 ((switch\$3 chang\$3 opposite) near3 direction))))	US- PGPUB; USPAT	OR	ON	2008/03/17 11:45
S5	0	"369".clas. and (((focus \$4 focal) near3 (search \$3 pull\$1in (pull\$3 adj1 in))) same ((pass \$3 near3 (target\$3 near3 (layer surface))) same (revers\$3 ((switch\$3 chang\$3 opposite) near3 direction))))	US- PGPUB; USPAT	OR	ON	2008/03/17 11:45

S8	1	"369".clas. and (((focus \$4 focal) near3 (search \$3 pull\$1in (pull\$3 adj1 in))) same (((amplitude quantity) near3 (less\$2 below) near3 (threshold level)) (s\$1wave s \$1shaped s\$1curve s \$1shape ("s" adj1 (shape \$3 curve wave)) (zero adj1 cross\$3))) with (revers\$3 ((switch\$3 chang\$3 opposite) near3 direction))))	US- PGPUB; USPAT	OR	ON	2008/03/17 11:49
S7	10	"369".clas. and (((focus \$4 focal) near3 (search \$3 pull\$1in (pull\$3 adj1 in))) same (((amplitude quantity) near3 (less\$2 below) near3 (threshold level)) (s\$1wave s \$1shaped s\$1curve s \$1shape ("s" adj1 (shape \$3 curve wave)) (zero adj1 cross\$3))) same (revers\$3 ((switch\$3 chang\$3 opposite) near3 direction))))	US- PGPUB; USPAT	OR	ON	2008/03/17 11:49
S9	37	"369".clas. and (((focus \$4 focal) near3 (search \$3 pull\$1in (pull\$3 adj1 in))) same ((revers \$3 switch\$3 chang\$3 opposite) near3 (direction away toward)))	US- PGPUB; USPAT	OR	ON	2008/03/17 11:56
S10	32	"369".clas. and (((focus \$4 focal) near3 (search \$3 pull\$1in (pull\$3 adj1 in))) same ((revers \$3 switch\$3 chang\$3 opposite) near3 (direction)))	US- PGPUB; USPAT	OR	ON	2008/03/17 11:57

S11	16	"369".clas. and (((focus \$4 focal) near3 (search \$3 pull\$1in (pull\$3 adj1 in))) same ((revers \$3 switch\$3 chang\$3 opposite) near3 (direction))) and ((information record\$3 data writ\$3) near3 (multi\$1layer multi \$1layered multi \$1surface layers! surfaces! ((dual second plural\$3 multiple) near3 (layer\$3 surface))))	US- PGPUB; USPAT	OR	ON	2008/03/17 11:59
S12	94	"369".clas. and (((focus \$4 focal) near3 (jump \$3 search\$3 pull\$1in (pull\$3 adj1 in))) same ((revers\$3 switch\$3 chang\$3 opposite) near3 (direction))) and ((information record\$3 data writ\$3) near3 (multi\$1layer multi \$1layered multi \$1surface layers! surfaces! ((dual second plural\$3 multiple) near3 (layer\$3 surface))))	US- PGPUB; USPAT	OR	ON	2008/03/17 12:03
S13	99	"369".clas. and (((focus \$4 focal) near3 (jump \$3 search\$3 pull\$1in (pull\$3 adj1 in))) same ((mov\$3 with toward with away) ((revers\$3 switch\$3 chang\$3 opposite) near3 direction))) and ((information record\$3 data writ\$3) near3 (multi\$1layer multi \$1layered multi \$1surface layers! surfaces! ((dual second plural\$3 multiple) near3 (layer\$3 surface))))	US- PGPUB; USPAT	OR	ON	2008/03/17 12:07

S14	20	"369".clas. and (((focus \$4 focal) near3 (search \$3 pull\$1in (pull\$3 adj1 in))) same ((mov \$3 with toward with away) ((revers\$3 switch\$3 chang\$3 opposite) near3 direction))) and ((information record\$3 data writ\$3) near3 (multi\$1layer multi \$1layered multi \$1surface layers! surfaces! ((dual second plural\$3 multiple) near3 (layer\$3 surface))))	US- PGPUB; USPAT	OR	ON	2008/03/17 12:08
S15	31	"369".clas. and ((detect \$3 determin\$5) near5 ((pass\$3 past) near3 ((surface layer) near2 (information record\$3 data))))	US- PGPUB; USPAT	OR	ON	2008/03/18 10:46
S16	8	"369".clas. and ((detect \$3 determin\$5) near5 ((pass\$3 past) near3 ((surface layer) near2 (information record\$3 data))) near4 (focus focal))	US- PGPUB; USPAT	OR	ON	2008/03/18 10:48
S17	508	"369".clas. and (((focus \$4 focal) near3 (jump \$3 search\$3 pull\$1in (pull\$3 adj1 in))) and ((information record\$3 data writ\$3) near3 (multi\$1layer multi \$1layered multi \$1surface layers! surfaces! ((dual second plural\$3 multiple) near3 (layer\$3 surface))))	US- PGPUB; USPAT	OR	ON	2008/03/18 11:31

S18	61	"369".clas. and ((focus \$4 focal) near3 (jump \$3 search\$3 pull\$1in (pull\$3 adj1 in))) and ((information record\$3 data writ\$3) near3 (multi\$1layer multi \$1layered multi \$1surface layers! surfaces! ((dual second plural\$3 multiple) near3 (layer\$3 surface))) and (fes fe ((focus\$4 focal) near3 error near5 ((zero near2 cross\$3) zc\$1 s \$1wave s \$1shaped s\$1curve s \$1shape ("s" adj1 (shap\$3 curve wave)))) and (fok ((amplitude quantity sum summation) near6 (threshold ((above below higher lower less \$2 greater compar\$3) near3 (reference level))))))	US- PGPUB; USPAT	OR	ON	2008/03/18 11:40
S19	2	(battaglia.xa. battaglia.xp.) and S17	US- PGPUB; USPAT	OR	ON	2008/03/18 11:43
S21	49	"369".clas. and ((focus \$4 focal) near3 (jump \$3 search\$3 pull\$1in (pull\$3 adj1 in))) and ((information record\$3 data writ\$3) near3 (multi\$1layer multi \$1layered multi \$1surface layers! surfaces! ((dual second plural\$3 multiple) near3 (layer\$3 surface))) and (((fes fe ((focus\$4 focal) near3 error)) near5 ((zero near2 cross\$3) zc\$1 s\$1wave s \$1shaped s\$1curve s \$1shape ("s" adj1 (shap\$3 curve wave)))) and (rfok fok ((amplitude	US- PGPUB; USPAT	OR	ON	2008/03/18 11:54

		quantity sum summation) near6 (threshold ((above below higher lower less \$2 greater compar\$3) near3 (reference level))))				
S20	49	"369".clas. and ((focus \$4 focal) near3 (jump \$3 search\$3 pull\$1in (pull\$3 adj1 in))) and ((information record\$3 data writ\$3) near3 (multi\$1layer multi \$1layered multi \$1surface layers! surfaces! ((dual second plural\$3 multiple) near3 (layer\$3 surface))) and (((fes fe ((focus\$4 focal) near3 error)) near5 ((zero near2 cross\$3) zc\$1 s\$1wave s \$1shaped s\$1curve s \$1shape ("s" adj1 (shap \$3 curve wave)))) and (fok ((amplitude quantity sum summation) near6 (threshold ((above below higher lower less \$2 greater compar\$3) near3 (reference level))))	US- PGPUB; USPAT	OR	ON	2008/03/18 11:54
S22	56	"369".clas. and ((focus \$4 focal) near3 (jump \$3 search\$3 pull\$1in (pull\$3 adj1 in))) and ((information record\$3 data writ\$3) near3 (multi\$1layer multi \$1layered multi \$1surface layers! surfaces! ((dual second plural\$3 multiple) near3 (layer\$3 surface))) and (((fes fe ((focus\$4 focal) near3 error)) near5 ((zero near2 cross\$3)	US- PGPUB; USPAT	OR	ON	2008/03/18 12:42

		zc\$1 s\$1wave s \$1shaped s\$1curve s \$1shape ("s" adj1 (shap \$3 curve wave)))) and (rfok fok ((amplitude quantity sum summation) near6 (threshold ((above below higher lower less \$2 greater compar\$3) near3 (predetermined reference level))))				
S24	4	"369".clas. and ((focus \$4 focal) near3 (jump \$3 search\$3 pull\$1in (pull\$3 adj1 in))) and ((information record\$3 data writ\$3) near3 (multi\$1layer multi \$1layered multi \$1surface layers! surfaces! ((dual second plural\$3 multiple) near3 (layer\$3 surface)))) and (((fes fe ((focus\$4 focal) near3 error)) near5 ((zero near2 cross\$3) zc\$1 s\$1wave s \$1shaped s\$1curve s \$1shape ("s" adj1 (shap \$3 curve wave)))) and (rfok fok ((amplitude quantity sum summation) near6 (threshold ((above below higher lower less \$2 greater compar\$3) near3 (predetermined reference level)))) and ((switch\$3 chang \$3 revers\$3) near4 direction near6 (objective lens))	US- PGPUB; USPAT	OR	ON	2008/03/18 12:43

S23	1	"369".clas. and ((focus \$4 focal) near3 (jump \$3 search\$3 pull\$1in (pull\$3 adj1 in))) and ((information record\$3 data writ\$3) near3 (multi\$1layer multi \$1layered multi \$1surface layers! surfaces! ((dual second plural\$3 multiple) near3 (layer\$3 surface))) and (((fe fe ((focus\$4 focal) near3 error)) near5 ((zero near2 cross\$3) zc\$1 s\$1wave s \$1shaped s\$1curve s \$1shape ("s" adj1 (shape\$3 curve wave)))) and (rfok fok ((amplitude quantity sum summation) near6 (threshold ((above below higher lower less \$2 greater compar\$3) near3 (predetermined reference level)))))) and ((switch\$3 chang \$3) near4 direction near6 (objective lens)))	US- PGPUB; USPAT	OR	ON	2008/03/18 12:43
S25	2	"369".clas. and ((rfok fok ((amplitude quantity sum summation) near6 (threshold ((above below higher lower less \$2 greater compar\$3) near3 (predetermined reference level)))))) same ((revers\$3 switch \$3 chang\$3) near4 (movement mov\$3 direction) near3 (objective lens converging)))	US- PGPUB; USPAT	OR	ON	2008/03/18 14:11

S26	3	"369".clas. and ((rfok fok ((amplitude quantity sum summation) near6 (threshold ((above below higher lower less \$2 greater compar\$3) near3 (predetermined reference level)))) same ((revers\$3 switch \$3 chang\$3) near4 (movement mov\$3 direction) near3 (head search\$3 lens pick\$1up (pick adj1 up))))	US- PGPUB; USPAT	OR	ON	2008/03/18 14:12
S27	7	"369".clas. and ((rfok fok ((amplitude quantity sum summation) near6 (threshold ((above below higher lower less \$2 greater compar\$3) near3 (predetermined reference level)))) same ((revers\$3 switch \$3 chang\$3 stop\$4 brak\$3 slow\$3) near4 (movement mov\$3 direction motion) near3 (head search\$3 lens pick\$1up (pick adj1 up))))	US- PGPUB; USPAT	OR	ON	2008/03/18 14:16
S28	1563	"369".clas. and ((pass \$3 past over\$1run\$4 over\$1shoot\$3 (over adj1 (run\$4 shoot\$3))) near3 ((target information data record \$3 writ\$3) near3 (layer surface)))	US- PGPUB; USPAT	OR	ON	2008/03/18 14:22
S29	467	((pass\$3 past over \$1run\$4 over\$1shoot \$3 (over adj1 (run\$4 shoot\$3))) near3 ((target information data record\$3 writ\$3) near3 (layer surface)))	EPO; JPO	OR	ON	2008/03/18 14:23

S31	3	((pass\$3 past over \$1run\$4 over\$1shoot \$3 (over adj1 (run\$4 shoot\$3))) near3 ((target information data record\$3 writ\$3) near3 (layer surface))) and ((focus\$4 focal) near3 (jump\$3 search \$3 pull\$1in (pull\$3 adj1 in)))	EPO; JPO	OR	ON	2008/03/18 14:24
S30	130	"369".clas. and ((pass \$3 past over\$1run\$4 over\$1shoot\$3 (over adj1 (run\$4 shoot\$3))) near3 ((target information data record \$3 writ\$3) near3 (layer surface))) and ((focus \$4 focal) near3 (jump \$3 search\$3 pull\$1in (pull\$3 adj1 in)))	US- PGPUB; USPAT	OR	ON	2008/03/18 14:24
S32	24	"369".clas. and ((pass \$3 past over\$1run\$4 over\$1shoot\$3 (over adj1 (run\$4 shoot\$3))) near3 ((target information data record \$3 writ\$3) near3 (layer surface))) same ((focus \$4 focal) near3 (jump \$3 search\$3 pull\$1in (pull\$3 adj1 in)))	US- PGPUB; USPAT	OR	ON	2008/03/18 14:27
S33	20	"369".clas. and ((focus near3 (search\$3 pull \$1in pulling\$in pull\$3 lead\$in)) same timer)	US- PGPUB; USPAT	OR	ON	2008/03/21 21:42
S35	50	"369".clas. and ((focus near3 (search\$3 pull \$1in pulling\$in pull\$3 lead\$in)) with (tim\$3 near3 (start\$3 begin \$4)))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:43
S34	76	"369".clas. and ((focus near3 (search\$3 pull \$1in pulling\$in pull\$3 lead\$in)) same (tim\$3 near3 (start\$3 begin \$4)))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:43

S36	63	"369".clas. and ((focus near3 (search\$3 pull \$1in pulling\$in pull\$3 lead\$in)) same (tim\$3 with (revers\$3 switch \$3)))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:44
S38	26	"369".clas. and ((focus near3 (search\$3 pull \$1in pulling\$in pull\$3 lead\$in)) same (((revers\$3 switch\$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (down downward away farther))))))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:45
S37	6	"369".clas. and ((focus near3 (search\$3 pull \$1in pulling\$in pull\$3 lead\$in)) same (tim\$3 with ((revers\$3 switch \$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (down downward away farther))))))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:45
S39	58	"369".clas. and ((focus near3 (search\$3 pull \$1in pulling\$in pull\$3 lead\$in)) and (tim\$3 with ((revers\$3 switch \$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (down downward away farther))))))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:46

S42	36	"369".clas. and ((focus near3 (captur\$3 range clos\$3 search\$3 pull \$1in pulling\$in pull\$3 lead\$in)) same (((revers\$3 switch\$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (down downward away farther))))))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:47
S41	32	"369".clas. and ((focus near3 (capture clos\$3 search\$3 pull\$1in pulling\$in pull\$3 lead \$in)) same (((revers\$3 switch\$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (down downward away farther))))))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:47
S40	32	"369".clas. and ((focus near3 (clos\$3 search\$3 pull\$1in pulling\$in pull \$3 lead\$in)) same (((revers\$3 switch\$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (down downward away farther))))))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:47
S43	44	"369".clas. and (((focus \$4 in\$1focus) near3 (captur\$3 range clos\$3 search\$3 pull\$1in pulling\$in pull\$3 lead \$in)) same (((revers\$3 switch\$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (down downward away farther))))))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:48

S45	58	"369".clas. and ((focus near3 (search\$3 pull \$1in pulling\$in pull\$3 lead\$in)) and (tim\$3 with ((revers\$3 switch \$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (distant farther further down downward away farther)))))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:52
S44	6	"369".clas. and ((focus near3 (search\$3 pull \$1in pulling\$in pull\$3 lead\$in)) same (tim\$3 with ((revers\$3 switch \$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (distant farther further down downward away farther)))))	US- PGPUB; USPAT	OR	ON	2008/03/21 21:52
S46	59	"369".clas. and ((focus near3 (lock\$3 search\$3 pull\$1in pulling\$in pull \$3 lead\$in)) and (tim \$3 with ((revers\$3 switch\$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (distant farther further down downward away farther)))))	US- PGPUB; USPAT	OR	ON	2008/03/21 22:01
S48	17	"369".clas. and ((focus near3 (lock\$3 search\$3 pull\$1in pulling\$in pull \$3 lead\$in)) same ((fes fok fsum sum summation fzc threshold (level near2 (reference predetermined)) (focus near2 (error signal)) amplitude quantity voltage) with ((revers \$3 switch\$3 chang\$3) near3 (direction ((up closer upward toward	US- PGPUB; USPAT	OR	ON	2008/03/21 22:11

		approach\$3) with (distant farther further down downward away farther))))))				
S47	61	"369".clas. and ((focus near3 (lock\$3 search\$3 pull\$1in pulling\$in pull \$3 lead\$in)) and ((fes fok fsum sum summation fzc threshold (level near2 (reference predetermined)) (focus near2 (error signal)) amplitude quantity voltage) with ((revers \$3 switch\$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (distant farther further down downward away farther))))))	US- PGPUB; USPAT	OR	ON	2008/03/21 22:11
S50	106	"369".clas. and ((focus near3 (lock\$3 search\$3 pull\$1in pulling\$in pull \$3 lead\$in)) and ((surface plane layer fes fok fsum sum summation fzc threshold (level near2 (reference predetermined)) (focus near2 (error signal)) amplitude quantity voltage) with ((revers \$3 switch\$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (distant farther further down downward away farther))))))	US- PGPUB; USPAT	OR	ON	2008/03/21 22:12

S49	23	"369".clas. and ((focus near3 (lock\$3 search\$3 pull\$1in pulling\$in pull \$3 lead\$in)) same ((surface plane layer fes fok fsum sum summation fzc threshold (level near2 (reference predetermined)) (focus near2 (error signal)) amplitude quantity voltage) with ((revers \$3 switch\$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (distant farther further down downward away farther)))))	US- PGPUB; USPAT	OR	ON	2008/03/21 22:12
S51	2	"369".clas. and ((focus near3 (lock\$3 search\$3 pull\$1in pulling\$in pull \$3 lead\$in)) same ((tim \$3 surface plane layer fes fok fsum sum summation fzc threshold (level near2 (reference predetermined)) (focus near2 (error signal)) amplitude quantity voltage) with (invert\$3 near4 (voltage output signal))))	US- PGPUB; USPAT	OR	ON	2008/03/21 22:34
S55	3	("369" "720").clas. and ((rfok fok ((amplitude quantity sum summation) near6 (threshold ((above below higher lower less \$2 greater compar\$3) near3 (predetermined reference level))))) same ((revers\$3 switch \$3 chang\$3) near4 (movement mov\$3 direction) near3 (head search\$3 lens pick\$1up (pick adj1 up))))	US- PGPUB; USPAT	OR	ON	2008/03/23 11:47

S54	1	("369" "720").clas. and (((focus\$4 focal) near3 (search\$3 pull\$1in (pull \$3 adj1 in))) same (((amplitude quantity) near3 (less\$2 below) near3 (threshold level)) (s\$1wave s \$1shaped s\$1curve s \$1shape ("s" adj1 (shape \$3 curve wave)) (zero adj1 cross\$3))) with (revers\$3 ((switch\$3 chang\$3 opposite) near3 direction))))	US- PGPUB; USPAT	OR	ON	2008/03/23 11:47
S53	0	("369" "720").clas. and (((focus\$4 focal) near3 (search\$3 pull\$1in (pull \$3 adj1 in))) same ((pass\$3 near3 (layer surface)) same (revers \$3 ((switch\$3 chang\$3 opposite) near3 direction))))	US- PGPUB; USPAT	OR	ON	2008/03/23 11:47
S52	0	("369" "720").clas. and (((focus\$4 focal) near3 (search\$3 pull\$1in (pull \$3 adj1 in))) same ((pass\$3 near3 (target \$3 near3 (layer surface))) with (revers \$3 ((switch\$3 chang\$3 opposite) near3 direction))))	US- PGPUB; USPAT	OR	ON	2008/03/23 11:47
S56	17	("369" "720").clas. and ((focus near3 (lock\$3 search\$3 pull\$1in pulling\$in pull\$3 lead \$in)) same ((fes fok fsum sum summation fzr threshold (level near2 (reference predetermined)) (focus near2 (error signal)) amplitude quantity voltage) with ((revers \$3 switch\$3 chang\$3) near3 (direction ((up closer upward toward approach\$3) with (distant farther further	US- PGPUB; USPAT	OR	ON	2008/03/23 11:48

		down downward away farther))))))				
S57	52	("369" "720").clas. and ((fast\$2 quick\$2 efficient\$2) with (focus near3 (lock\$3 search\$3 pull\$1in pulling\$in pull \$3 lead\$in)))	US- PGPUB; USPAT	OR	ON	2008/03/23 11:50
S58	75	("369" "720").clas. and ((fast\$2 quick\$2 efficient\$2 (time near3 reduc\$4) with (focus near3 (lock\$3 search\$3 pull\$1in pulling\$in pull \$3 lead\$in)))	US- PGPUB; USPAT	OR	ON	2008/03/23 11:55
S59	80	("369" "720").clas. and ((switch\$3 select\$3) near5 (((ramp\$3 search \$3) near4 (fe fes (focus near3 (signal error)))) (open near3 close near3 focus\$4)))	US- PGPUB; USPAT	OR	ON	2008/03/23 18:34
S60	25	("369" "720").clas. and ((switch\$3 select\$3) near5 (((ramp\$3 search \$3) near4 (fe fes (focus near3 (signal error)))) (open near3 close near3 focus\$4))) and ((second two multiple multi) near3 ((data information record\$3 writ\$3) near3 (surface layer)))	US- PGPUB; USPAT	OR	ON	2008/03/24 09:11
S61	2	("369" "720").clas. and ((detect\$3 near3 ((upper second) near3 layer)) with ((switch\$3 chang\$3 ramp\$3) near4 (decend\$3 (mov \$3 near3 (opposite away further farther down downward\$2)) direction)))	US- PGPUB; USPAT	OR	ON	2008/03/24 09:27

S62	6	("369" "720").clas. and ((detect\$3 near3 ((upper second) near3 layer)) with ((switch\$3 chang\$3 ramp\$3 lens) near4 (descend\$3 (mov\$3 near3 (opposite away further farther down downward\$2)) direction)))	US- PGPUB; USPAT	OR	ON	2008/03/24 09:29
S63	32	("369" "720").clas. and (((detect\$3 pass\$3 locat\$3 determin\$5) near3 ((upper second) near3 (layer surface plane))) with ((switch \$3 chang\$3 ramp\$3 lens) near4 (descend\$3 (mov\$3 near3 (opposite away further farther down downward \$2)) direction)))	US- PGPUB; USPAT	OR	ON	2008/03/24 09:32
S64	5	("369" "720").clas. and (((detect\$3 pass\$3 locat\$3 determin\$5) near3 ((upper second) near3 (layer surface plane))) with ((switch \$3 chang\$3 ramp\$3 lens) near4 (descend\$3 (mov\$3 near3 (opposite away further farther down downward \$2)) direction))) and ((focus\$4 focal) near3 (search\$3 pull\$1in (pull \$3 adj1 in)))	US- PGPUB; USPAT	OR	ON	2008/03/24 09:39
S65	0	("369" "720").clas. and ((second two multiple multi) near3 ((data information record\$3 writ\$3) near3 (surface layer))) and (fe fes (focus near3 (signal error))) and ((instruct \$3 near3 (revers\$3 ((switch\$3 chang\$3) near3 (mov\$3 direction)))) same ((focus\$4 focal) near3 (search\$3 pull\$1in (pull	US- PGPUB; USPAT	OR	ON	2008/03/24 09:48

		\$3 adj1 in))))				
S67	20	("369" "720").clas. and ((second two multiple multi) near3 ((data information record\$3 writ\$3) near3 (surface layer))) and (fe fes (focus near3 (signal error))) and (((revers \$3 ((switch\$3 chang \$3) near3 (mov\$3 direction)))) same ((focus\$4 focal) near3 (search\$3 pull\$1in (pull \$3 adj1 in))))	US- PGPUB; USPAT	OR	ON	2008/03/24 09:49
S66	0	("369" "720").clas. and ((second two multiple multi) near3 ((data information record\$3 writ\$3) near3 (surface layer))) and (fe fes (focus near3 (signal error))) and ((controll \$3 near5 (revers\$3 ((switch\$3 chang\$3) near3 (mov\$3 direction)))) same ((focus\$4 focal) near3 (search\$3 pull\$1in (pull \$3 adj1 in))))	US- PGPUB; USPAT	OR	ON	2008/03/24 09:49
S68	8	("369" "720").clas. and (timer with (fok))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:04
S69	1	("369" "720").clas. and ((monitor\$3 detect\$3 determin\$5) near5 (fall \$3 near3 fok))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:42
S70	3	("369" "720").clas. and ((monitor\$3 detect\$3 determin\$5) near5 ((fall \$3 ((high "1") near2 ("0" low)) near3 fok))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:43
S71	3	("369" "720").clas. and ((monitor\$3 detect\$3 determin\$5) near5 ((fall \$3 ((high "1") adj2 ("0" low)) near3 fok))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:44

S72	3	("369" "720").clas. and ((monitor\$3 detect\$3 determin\$5 count\$3) near5 ((fall\$3 ((high "1") adj2 ("0" low))) near3 fok))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:45
S75	253	("369" "720").clas. and ((count\$3) near5 (((fall \$3 near3 edge) ((high "1") adj2 ("0" low)))))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:46
S74	384	("369" "720").clas. and ((count\$3) near5 ((fall \$3 ((high "1") adj2 ("0" low)))))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:46
S73	0	("369" "720").clas. and ((count\$3) near5 ((fall \$3 ((high "1") adj2 ("0" low))) near3 fok))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:46
S76	38	("369" "720").clas. and ((count\$3) near5 (((fall \$3 near3 edge) ((high "1") adj2 ("0" low))))) near6 pulse)	US- PGPUB; USPAT	OR	ON	2008/03/24 12:47
S77	102	("369" "720").clas. and (count\$3 with pulse with ((fall\$3 near3 edge) ((high "1") adj2 ("0" low))))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:48
S78	40	("369" "720").clas. and ((count\$3 with pulse with ((fall\$3 near3 edge) ((high "1") adj2 ("0" low)))) same (count\$3 with pulse with ((rising\$3 near3 edge) (("0" low) adj2 (high "1")))))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:49
S79	1	("369" "720").clas. and ((count\$3 with pulse with ((fall\$3 near3 edge) ((high "1") adj2 ("0" low)))) same (count\$3 with pulse with ((rising\$3 near3 edge) (("0" low) adj2 (high "1"))))) same (alternat\$5 another option\$5))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:52

S80	2	("369" "720").clas. and ((count\$3 with pulse with ((fall\$3 near3 edge) ((high "1") adj2 ("0" low)))) same (count\$3 with pulse with ((rising\$3 near3 edge) (("0" low) adj2 (high "1")))) same (alternat\$5 another option\$5 either))	US- PGPUB; USPAT	OR	ON	2008/03/24 12:53
S81	3	("369" "720").clas. and ((count\$3 increment \$3) with fok) and ((second two multiple multi) near3 ((data information record\$3 writ\$3) near3 (surface layer)))	US- PGPUB; USPAT	OR	ON	2008/03/24 13:13
S83	1	("369" "720").clas. and (((determin\$5 count\$3 increment\$3 detect\$3) with ((number two three) near3 ((data information record\$3 writ\$3) near3 (surface layer)))) same fok)	US- PGPUB; USPAT	OR	ON	2008/03/24 13:16
S82	0	("369" "720").clas. and ((determin\$5 count\$3 increment\$3 detect\$3) with ((number two three) near3 ((data information record\$3 writ\$3) near3 (surface layer))) with fok)	US- PGPUB; USPAT	OR	ON	2008/03/24 13:16
S84	1	("369" "720").clas. and (count\$3 near3 fok)	US- PGPUB; USPAT	OR	ON	2008/03/24 13:22

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